



John Michael Stevenson
<StevensonJM@Hillsborough
County.ORG>

03/06/2006 03:12 PM

To Brad Jackson/R4/USEPA/US@EPA, Shirley Vereen
<VereenS@HillsboroughCounty.ORG>

cc

bcc

Subject Re: Request for Draft Phosphate Reclamation Manual Final
Draft

Brad

No you are not missing a section

In the course of producing this manual, it was determined that while mining does disturb the earth and releases naturally occurring radiation, it was not the threat that people were concerned about, in fact to steal a quote from the Florida Institute of Phosphate Research (FIPR) website:

"FIPR research indicates that radiation connected to phosphate mining does not significantly add to the average overall dose a person receives as a natural part of life."

Most radiation from phosphate is concentrated in Phosphoric acid and Phosphogypsum, byproducts from the actual chemical processing of phosphate ore, so radiation from a phosphate mining reclamation manual point of view would be limited.

John Michael Stevenson, P.G.
Senior Hydrologist
Development Services Division
Planning & Growth Management Department
Hillsborough County

>>> Shirley Vereen 3/6/2006 12:06 PM >>>
Brad,

Im Forwarding your question to Mike Stevenson, he headed this project, and let him answer this for you.

>>> <Jackson.Brad@epamail.epa.gov> 03/06/2006 11:59 AM >>>
Ms. Vereen:

In reading the February 20, 2006, cover letter, it indicates that "land uses and radiation" were considered in preparing the manual. I was particularly interested in the reference to radiation, but in reviewing the manual, it doesn't seem to be specifically addressed. I just wanted to make sure I was not missing a section.

Thanks, Brad

